

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2004/001428

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ E04H6/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷ E04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

CNKI, CHINA NATIONAL KNOWLEDGE INFRASTRUCTURE(1994-)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ,

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN1145973A(Li, Kangzhi) 26.Mar.1997(26-03-1997) the whole document	1-50
A	CN2359398A(Zhu, Fengqiao) 19.Jan.2000(19-01-2000) the whole document	1-50
A	CN2516652A(Xie, Mi) 16.Oct.2002(16-10-2002) the whole document	1-50
A	CN2589596A(Pan, Yuan et al) 3.Dec.2003(03-12-2003) the whole document	1-50
A	JP2003120066A(NIPPON STEEL CORP; NITTETSU PLANT DESIGNING CORP) 23.Apr.2003(23-04-2003) the whole document	1-50
A	JP2002327546A(FUJIMOTO YOSUKE) 15.Nov.2002(15-11-2002) the whole document	1-50

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
07.Mar.2005(07.03.2005)

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/CN2004/001428

CN1145973A	26-03-1997	None		
CN2359398A	19-01-2000	None		
CN2516652A	16-10-2002	None		
CN2589596A	03-12-2003	None		
JP2003120066A	23-04-2003	None		
JP2002327546A	15-11-2002	None		
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